

## ESTs AND ENCODED HUMAN PROTEINS

### Abstract of the Disclosure

5 The sequences of 5' ESTs derived from mRNAs encoding secreted proteins are disclosed.  
The 5' ESTs may be to obtain cDNAs and genomic DNAs corresponding to the 5' ESTs. The 5'  
ESTs may also be used in diagnostic, forensic, gene therapy, and chromosome mapping  
procedures. Upstream regulatory sequences may also be obtained using the 5' ESTs. The 5' ESTs  
may also be used to design expression vectors and secretion vectors.

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